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FORM PTO 1449/A and B (modified PTO/SB/08)

1

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

of

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ATTY. DOCKET NO.: H0498.70211US02 APPLICATION NO.: 10/584,819 **CONFIRMATION NO.: 5917** June 14, 2007 FILING DATE:

Sia, et al. APPLICANT:

Not yet assigned 1645 **EXAMINER:** GROUP ART UNIT:

U.S. PATENT DOCUMENTS

Examiner's	Cite	U.S. Patent Docu	ment	Name of Patentee or Applicant of Cited	Date of Publication or Issue	
Initials #	No.	Number K		Document	of Cited Document MM-DD-YYYY	
		4,963,498		Hillman, et al.	10/16/1990	
		5,571,410		Swedberg, et al.	11/05/1996	
		5,637,469		Wilding, et al.	06/10/1997	
		5,866,345		Wilding, et al.	02/02/1999	
	_	5,957,579		Kopf-Sill, et al.	09/28/1999	
		6,103,199		Bjornson, et al.	08/15/2000	
, , , , , , , , , , , , , , , , , , ,		6,146,489		Wirth	11/14/2000	
		6,146,589		Chandler	11/14/2000	
		6,186,660		Kopf-Sill, et al.	02/13/2001	
		6,214,560		Yguerabide, et al.	04/10/2001	
		6,241,560		Furusawa, et al.	06/05/2001	
		6,333,200		Kaler, et al.	12/25/2001	
		6,361,958		Shieh, et al.	03/26/2002	
		6,479,299		Parce, et al.	11/12/2002	
		6,488,872		Beebe, et al.	12/03/2002	
		6,488,894		Miethe, et al.	12/03/2002	
		6,488,896		Weigl, et al.	12/03/2002	
		6,551,841		Wilding, et al.	04/22/2003	
		6,613,512		Kopf-Sill, et al.	09/02/2003	
		6,709,869		Mian, et al.	03/23/2004	
		6,716,620		Bashir, et al.	04/06/2004	
		6,742,661		Schulte, et al.	06/01/2004	
		6,780,584		Edman, et al.	08/24/2004	
		6,794,197		Indermuhle, et al.	09/21/2004	
		6,818,184		Fulwyler, et al.	11/16/2004	
		2002/0019059		Chow, et al.	02/14/2002	
		2002/142618		Parce, et al.	10/03/2002	
		2003/0118486		Zhou, et al.	06/26/2003	
		2003/138969		Jakobsen, et al.	07/24/2003	
		2003/207328		Yguerabide, et al.	11/06/2003	
		2004/077074		Ackley, et al.	04/22/2004	

FORM PTO)-1449/A and B (1	modifie	d PTO/SR/08)	APPLICATION NO.:	10/584,819	ATTY. DOCKET NO.: H0498.70211US02
	•		•	FILING DATE:	June 14, 2007	CONFIRMATION NO.: 5917
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT:	Sia, et al.	
Short 2 of 2			GROUP ART UNIT:	1645	EXAMINER: Not yet assigned	
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FOREIGN PATENT DOCUMENTS

Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Potentae or Applicant of Cited	Date of	T1-4
		Office/ Country	Number	Kind Code	Name of Patentee or Applicant of Cited Document	Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		EP	1054259		Jose Remacle	11-22-2000	
		EP	0643307	A1	Centro De Ingenieria Genetica Y Biotechnologia	03-15-1995	
		WO	91/01003		Secretary of State for Health in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland	01-24-1991	
		WO	04/87951	A2	Clondiag Chip Technologies	10-14-2004	
		WO	04/087951	A3	Clondiag Chip Technologies	10-14-2004	
		WO	03/054513	A2	Radius Biosciences	07-03-2003	

		OTHER ART — NON PATENT LITERATURE DOCUMENTS	_				
Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
		Ahn, C., et al., "Disposable Smart Lab on a Chip for Point-of-Care Clinical Diagnostics," <i>Proceedings of the IEEE</i> , Vol. 92, No. 1, pp. 154-173 (2004).					
		Andersson, et al., "Micromachined flow-through filter-chamber for chemical reactions on beads," Sensors and Actuators, Vol. B67, pp. 203-208 (2000).					
		Darion, et al., "Chemical sensing using an integrated microfluidic system based on the Berthelot reaction," Sensors and Actuators, Vol. B76, pp. 235-243 (2001).					
		Dodge, et al., "Electrokinetically Driven Microfluidic Chips with Surface-Modified Chambers for Heterogeneous Immunoassays," Anal. Chem., Vol. 73, pp. 340-3409 (2001).					
		Juncker, et al., "Autonomous Microfluidic Capillary Systems," Anal. Chem, Vol. 74, pp. 6139-6144 (2002).	, , , , , , , , , , , , , , , , , , , ,				
		Moorthy, et al., "Microfluidic tectonics platform: A colorimetric, disposable botulinum toxin enzyme-linked immunosorbent assay system," <i>Electrophorsis</i> , Vol. 25, pp. 1705-1713 (2004).					
		Obeid, et al., "Microfabricated Device for DNA and RNA Amplification by Continuous-Flow Polymerase Chain Reaction and Reverse Transcription-Polymerase Chain Reaction with Cycle Number Selection," <i>Anal. Chem.</i> , vol. 75, pp. 288-295 (2003).					
		Sia, S., et al., "An Integrated Approach to a Portable and Low-Cost Immunoassay for Resource-Poor Settings," Angew. Chem. Int. Ed., Vol. 43, pp. 498-502 (2004).					
		Sia, S., et al., "Microfluidic devices fabricated in poly(dimethlysiloxane) for biological studies," Electrophoresis, Vol. 24, pp. 3563-3576 (November 2003).					
		Weigle, et al., "Lab-on-a-chip for drug development," Advanced Drug Delivery Reviews, Vol. 55, pp. 349-377 (2003).					
		Proceedings of uTAS 2004, 8th International Conference on Miniaturized Systems in Chemistry and Life Sciences, September 26-30, Malmo, Sweden, Edited by Thomas Laurell, Johan Nilsson, Klavs Jensen, D. Jed Harrison, Jorg P. Kutter, The Royal Society of Chemistry, pp. 1-135, 2004					

EODM DTO)-1449/A and B (n	nodifie	4 PTO/SD/08)	APPLICATION NO.:	10/584,819	ATTY. DOCKET NO.: H0498.70211US02	
	· ·		•	FILING DATE:	June 14, 2007	CONFIRMATION N	IO.: 5917
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				GROUP ART UNIT:	1645	EXAMINER:	Not yet assigned
Sheet	3	of	3	GROOT ART UNIT.	1045	L/Militalit.	Tiot yet assigned

FOREIGN PATENT DOCUMENTS

	International Search Report dated 06/05/2005 in PCT/US2004/043585.			
EXAMINER:		DATE CONSIDERED:		

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^{*}EXAMINER: Initial if reference considered, whether or notitation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.